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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Ross Richard NILSON et al. Confirmation No. 2436  
Group Art Unit : 3644  
Application No. : 10/517,440  
Examiner : Kimberly S. SMITH  
Filed : July 28, 2005  
Docket No. : 14007/2  
For : A MEASUREMENT AND MONITORING  
SYSTEM OF DAIRY STOCK AND PLANT

**RESPONSE TO ELECTION/RESTRICTION REQUIREMENT**

U.S. PATENT AND TRADEMARK OFFICE  
Customer Service Window **AMENDMENT**  
Randolph Bldg., 401 Dulany Street  
Alexandria, VA 22314

Sir:

In response to the Office Action mailed February 11, 2008 in the above-identified application, the Applicants respectfully submit the following remarks.

Claims 1-61 are pending in the application. In response to the restriction requirement set forth in the above-identified Office Action, the Applicants hereby elect Group II. The Applicants believe that claims 20-28 are readable on the elected invention. Further, with respect to the Groups set forth in the Office Action, the Applicants believe that the Examiner incorrectly identified the claim groups in this application. Applicant believes the correct claim groups are as follows: Group I—claims 1-19; Group II—claims 20-38; and Group III—claims 39-61.

The Applicant respectfully submits that these groups are consistent with the groups identified in the International Search Report. Further, claims 15-19 relate to an apparatus with two flow paths, preferential fluid flow within a first flow path, and determining conductivity based on measurements made on fluid within the first flow path. Accordingly, the subject matter of these claims is therefore

**PATENT**

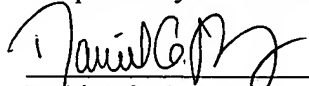
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closely related to that of claim 1, rather than that of claim 20.

Should there be any questions concerning this matter, the Examiner is invited to contact the Applicant's undersigned attorney. The Commissioner is authorized to charge any fees or credit any overpayments which may be incurred in connection with this paper under 37 C.F.R. §§ 1.16 or 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,



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(Reg. No. 54, 863)

Date: March 11, 2008

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